LISTING OF THE CLAIMS

This listing of claims replaces all prior versions and listings of claims in the application:

1. (Currently Amended) A metallurgical furnace comprising:

~~a casing of the furnace and~~ an outer casing plate defining [[the]] a casing of the metallurgical furnace;

a cooling plate comprised of copper or a low-alloy copper alloy[[,]] provided inward of the outer ~~furnace~~ casing plate;

at least one coolant passage ~~which runs~~ running inside the cooling plate[[,]];

coolant pipe sections connected with the at least one coolant passage for enabling coolant to flow respectively in and out of the coolant passages, ~~and~~ the coolant pipe sections leading to the outside through the ~~furnace~~ outer casing plate;

the cooling plate ~~having~~ comprising holding pipes thereon ~~which are led~~ leading to the outside through the ~~furnace~~ outer holding pipes at the outer casing plate;

the holding pipes and the securing elements being comprised of a material ~~which has an increased~~ with a greater strength ~~as compared to~~ than the copper or low-alloy copper alloy of the cooling plate[[,]]; and

a fixed-point securing element securing the cooling plate to the ~~furnace~~ outer casing plate.

2. (Currently Amended) The furnace as claimed in claim 1, wherein the cooling plate has a height/width ratio of ≥ 3;

the furnace further comprising at least one movable-point securing element ~~which is~~ arranged at least one of above and below the fixed-point securing element, and the movable-point securing element is operable to allow mobility of the cooling plate only in the vertical direction.

3. (Currently Amended) The furnace as claimed in claim 1, wherein the cooling plate has a height/width ratio of < 3;

the furnace further comprising at least one moveable-point securing element ~~which is~~ arranged to at least one of the left and the right of the fixed-point securing element, and the movable-point securing element is operable to allow mobility of the cooling plate only in the horizontal direction.

4. (Previously Presented) The furnace as claimed in claim 1, wherein the cooling plate has tongues and grooves on a side thereof which faces the interior of the furnace, and the tongues are segmented in a longitudinal direction of the tongues.

5. (Previously Presented) The furnace as claimed in claim 1, wherein a respective one of the holding pipes surrounds a coolant pipe section.

6. (Previously Presented) The furnace as claimed in claim 1, further comprising a connecting piece provided between the holding pipe and the respective coolant pipe section.

7. (Currently Amended) The furnace as claimed in claim 1, further comprising a coolant pipe section formed as a single part and including a flange ~~which is~~ secured to the cooling plate.

8. (Previously Presented) The furnace as claimed in claim 7, further comprising a holding pipe surrounding the coolant pipe section and secured to the flange.

9. (Previously Presented) The furnace as claimed in claim 1, wherein the pipe sections for coolant to flow in and out are made from the same material as the cooling plate.

10. (Previously Presented) The furnace as claimed in claim 1, wherein the pipe section is both a holding pipe and a coolant pipe section.

11. (Previously Presented) The furnace as claimed in claim 1, wherein the pipe sections for coolant to flow in and out are made from the same material as the holding pipes.

12. (Previously Presented) The furnace of claim 1, wherein at least two of the coolant passages run inside the cooling plate.

13. (Currently Amended) The furnace of claim 1, wherein the securing elements are applied to the holding pipes after the holding pipes have passed through the ~~furnace~~ outer casing plate.

14. (Previously Presented) The furnace of claim 1, wherein the securing elements securing the holding pipes comprise holding plates or holding disks.

15. (Currently Amended) The furnace of claim 1, wherein the fixed-point securing element secures the cooling plate to the ~~furnace~~ outer casing plate in a central region of the cooling plate.

16. (Previously Presented) The furnace of claim 3, wherein the cooling plate has a height/width ratio of < 2.

17. (Previously Presented) The furnace of claim 5, wherein the holding pipe is secured to the cooling plate.

18. (Previously Presented) The furnace of claim 17, wherein the securement of the holding pipe to the cooling plate is by screwing or welding them.

19. (Previously Presented) The furnace of claim 6, wherein the connecting piece is in the form of a ring or a disk.

20. (Currently Amended) The furnace of claim 1, further comprising at least one movable-point securing element ~~which is~~ arranged at least one of above and below the fixed-point securing element, and the movable-point securing element is operable to allow mobility of the cooling plate only in the vertical direction.

21. (Currently Amended) The furnace of claim 1, further comprising at least one moveable-point securing element ~~which is~~ arranged to at least one of the left and the right of the fixed-point securing element, and the movable-point securing element is operable to allow mobility of the cooling plate only in the horizontal direction.

22. (Currently Amended) A cooling plate for use in a metallurgical furnace having an outer furnace casing plate with an inside, the cooling plate comprising:

a plate positioned on the inside of the outer furnace casing plate and comprising copper or a low-alloy copper alloy;

at least one coolant passage ~~which runs~~ running inside the cooling plate[[,]];

coolant pipe sections connected with the at least one coolant passage for enabling coolant to flow respectively in and out of the coolant passages, [[and]] the coolant pipe sections leading to the outside;

the cooling plate having holding pipes thereon ~~which are led~~ leading to the outside; and

securing elements ~~being~~ comprised of a material ~~which has an increased~~ with a higher strength ~~as compared to~~ than the copper or low-alloy copper alloy of the cooling plate, [[for]] the securing elements and the holding pipes being configured to secure the cooling plate to the outer furnace casing plate.

23. (Currently Amended) The cooling plate of claim 22, ~~further comprising~~ wherein the holding pipes ~~on the cooling plate which are led~~ lead to the outside through the outer furnace casing plate ~~and securing elements securing the holding pipes at the casing plate; the holding pipes and the securing elements being comprised of a material which has an increased strength as compared to the copper or low-alloy copper alloy of the cooling plate;~~; and

the cooling plate further comprising a fixed-point securing element ~~securing~~ configured to secure the cooling plate to the outer furnace casing plate.

24. (Currently Amended) The cooling plate of claim 22, wherein the cooling plate has a height/width ratio of ≥ 3;

the cooling plate further comprising at least one movable-point securing element ~~which is~~ arranged at least one of above and below the fixed-point securing element, and the movable-point securing element is operable to allow mobility of the cooling plate only in the vertical direction.

25. (Currently Amended) The cooling plate of claim 22, further comprising at least one movable-point securing element ~~which is~~ arranged at least one of above and below the fixed-point securing element, and the movable-point securing element is operable to allow mobility of the cooling plate only in the vertical direction.

26. (Currently Amended) The cooling plate of claim 22, wherein the cooling plate has a height/width ratio of < 3;

the cooling plate further comprising at least one moveable-point securing element ~~which~~ ~~is~~ arranged to at least one of the left and the right of the fixed-point securing element, and the movable-point securing element is operable to allow mobility of the cooling plate only in the horizontal direction.

27. (Currently Amended) The cooling plate of claim 22, further comprising at least one moveable-point securing element ~~which is~~ arranged to at least one of the left and the right of the fixed-point securing element, and the movable-point securing element is operable to allow mobility of the cooling plate only in the horizontal direction.